



1 atgggtcacg gtgtcagctg cgcccgacc ggcgacgagc acgacttctt ccggcgccg  
61 cagctcgccg acctcgacgc cctggccgcc ctctcgccg cgcacccttc ctcgctcgc  
121 cgcgccaccc tctacgaccg ctcctccgttc ctccacatcg cgcgcgcca tggccgcata  
181 gaggtgctct ccatgttctt ggatcgccgg ggcgcgcgg acgcgggtgaa tcggcacaag  
241 cagacgcgc tgatgtcgac gcgcattcac ggcaagatcg actgcgtgt caagcttctc  
301 caggccgacg caaatatctt gatgttcgac tcgggtgcacg cgaggacctg ctcaccac  
361 gcggcgtaact acggccacgt cgactgcctg caggccatcc tcggccgcgc gcagccacg  
421 cccgtggccg actcatgggg ttccggccgg ttctgtcaacg tcagggacga ccacggcgcc  
481 actccgcgtc atctcgccgc caggcagggg cggccggggt gcgtgcaggt gttgtggag  
541 aacggcccca ttgtgtcgcc ttgtacagga tcatatggct tccctggaaag cacgtcgctt  
601 catttggtct ctcgttagcgg gaacttggat tgcattcagg agtgcgtgc ctggggagct  
661 gatcggtctcc aaaggattc ggctgggaga attccctatt ctgtgtcgct gaaacggAAC  
721 catggagcat gtgcagctt gctgaaccct acatcagcag agcccatggt gtggccatcc  
781 ccacttaagt tcatcagtga gcttgaacca gaagctaagg ctctcttggaa agcagcttg  
841 attggaaagcca acaggagag ggagaagaaa atcctgaatg gcacaaagta ctccctggca  
901 tcccccttcgc cgggtgtatga cagtggccat gacgatgcat gctcagaggt gagcgcacacg  
961 gagctttgtct gcatctgtt cgaccaggct tgccaccattt aggttcaaga ctgtggacat  
1021 caaatgtgtc caccgtgcac gctggactg tgctgtcaca acaaaccctt tccgacgacc  
1081 ctgacaccgc ctcacccggc ctggccattt tgccggggca gcatctcact gctgggttgt  
1141 gccaaacaa ggtctgttg tgatctgtac aagccgtcat ccctgcagct cacccggaaag  
1201 cggtcgcgtc gatctcacaa ctcactgttag ggcagcagca gcttcaaagg gctaccttcg  
1261 gccatgggtt cttctcaaa gcttggccgt ggctcgagcc gcatggcgga cagtgcacacg  
1321 agcaacctgg acaaggctga gcacgatcta tga

*FIG. 1A*



I	<u>MHGVS CART</u>	10
II	GDEHDFR AHLG DLDALA ALLAADPSLARRATLY DRLSVL HIAANGRIEVLSMFL DRGAPPDAVNR HKQTPLMLAAMHGKIDCVLKLLQADANILMFDSV HARTCLHHAA YYGHVDCLQAILAAAQTTPVADSWG FARFVNVRDD HGATPLHLAARQGRPGCVQVLLENGAIVSALTGSYGF PGSTS LHLAARS GNLD CIRKLLAWGADRLQRDSAGRI PYSVA LKRNHGACAALLNPTSAEPMVVWPSPLKFISELE PEAKALLEAALMEANREREKKILNGTKYSLPSPSPG	45 78 112 157 194 236 269 305
III	DDSADDDACSEVS	318
IV	DTELCCICFDQACTIEVQDCGHQM-CAPCTLALCCHNKP NPTTLTP PSPACPF CRGSISRLVVAQTRS	363 385
V	ACDPDKPSSLQLTRKRSRRSHNLSEGSSSFKG LPSAMGSFSKLGR GSSRMADSDSSNLDKPEHDL	430 450

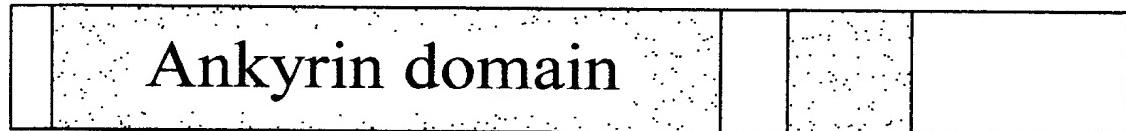
### FIG. 1B

XB3	CCICFDQACTIEVQDCGHQM-CAPCTLALCCHNKP NPTTLTP PSPACPF CRGSISRLVVAQTRS
c-Cbl	CKICAENDKDVKIEPCGHLM-CTSCLTSWQESEGQG-----CPFCR
IAP	CKICYVEECIVCFVPCGHVVACAKCALSV-----DKCPFCR

### FIG. 1C



3/3



XB3-N

XB3-C

FIG. 2